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TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371		ATTORNEY'S DOCKET NUMBER 5077-244/NP U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/540135
INTERNATIONAL APPLICATION NO. PCT/JP2004/015677	INTERNATIONAL FILING DATE 15 October 2004 (15.10.2004)	PRIORITY DATE CLAIMED 17 October 2003 (17.10.2003)
TITLE OF INVENTION METHOD AND APPARATUS FOR CALCULATING MOTION OF MOBILE BODY, AND NAVIGATION SYSTEM		
APPLICANT(S) FOR DO/EO/US NOBORI, Kunio, et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a submission under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a submission under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input checked="" type="checkbox"/> The US has been elected (Article 31). 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input checked="" type="checkbox"/> is attached hereto. b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 20 below concern document(s) or information included: 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A preliminary amendment. 14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A power of attorney and/or change of address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825. 18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information: citing 11 refs (8 encl) w/ ISR & Written Opinion; copy of Pub Int'l App WO 2005/038710 A1; Rtn Postcard		

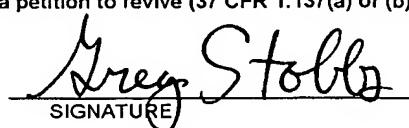
This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

JC17 Rec'd PCT/PTO 21 JUN 2005

PTO-1390 (Rev. 02-2005)

Approved for use through 3/31/2007. OMB 0651-0021
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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U.S. APPLICATION NO. (if known) 10/340135				INTERNATIONAL APPLICATION NO. PCT/JP2004/015677		ATTORNEY'S DOCKET NUMBER 5077-244/NP	
The following fees have been submitted						CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee..... \$300						\$ 300.00	
22. <input checked="" type="checkbox"/> Examination fee If International preliminary examination report prepared by USPTO and all claims satisfy provisions of PCT Article 33(1)-(4)..... \$100 All other situations..... \$200						\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared and provided to the Office..... \$400 All other situations..... \$500						\$ 400.00	
TOTAL OF 21, 22 and 23 =						\$ 900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.							
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)		RATE			
64 - 100 =	-36 /50 =			x \$250		\$ 0.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(h)).						\$ 0.00	
CLAIMS		NUMBER FILED		NUMBER EXTRA		RATE	
Total claims		14 - 20 =		0		x \$ 50	
Independent claims		2 - 3 =		0		x \$ 200	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$360			
TOTAL OF ABOVE CALCULATIONS =						\$ 900.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.						0.00	
SUBTOTAL =						\$ 900.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).						\$	0.00
TOTAL NATIONAL FEE =						\$ 900.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property						\$	40.00
TOTAL FEES ENCLOSED =						\$ 940.00	
						Amount to be refunded:	\$
						Amount to be charged:	\$
<p>a. <input checked="" type="checkbox"/> A check in the amount of \$ <u>940.00</u> to cover the above fees is enclosed.</p> <p>b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed.</p> <p>c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>08-0750</u>. A duplicate copy of this sheet is enclosed.</p> <p>d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.</p>							
<p>NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.</p>							
<p>SEND ALL CORRESPONDENCE TO: Gregory A. Stobbs HARNESS, DICKEY & PIERCE, P.L.C. P. O. Box 828 Bloomfield Hills, MI 48303 United States of America</p>							
						 SIGNATURE	
						Gregory A. Stobbs NAME	
						28,764 REGISTRATION NUMBER	
						<u>June 21, 2005</u>	

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

10/540135
JCI7 Rec'd PCT/PTO 21 JUN 2005

Express Mail No.: EV 716 205 010 US

Date of Deposit: June 21, 2005

Application No.: Not yet assigned – US National Phase of PCT/JP2004/015677

International
Filing Date: 15 October 2004 (15.10.2004)

Applicant: Kunio NOBORI et al.

Title: METHOD AND APPARATUS FOR CALCULATING
MOTION OF MOBILE BODY, AND NAVIGATION
SYSTEM

Attorney Docket: 5077-244/NP


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Commissioner for Patents
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Alexandria, Virginia 22313-1450

EXPRESS MAIL TRANSMITTAL

The following papers are being deposited with the United States Postal Service Express Mail Post Office to Addressee on June 21, 2005 and addressed for receipt by the United States Patent and Trademark Office:

1. Express Mail Transmittal (Label No. EV 716 205 010 US);
2. Check in the amount of \$940.00;
3. Transmittal Letter to the DO/EO/US Concerning a Filing Under 35 USC 371 (2 pages, in duplicate);
4. Application Data Sheet (2 pages);
5. English Translation of International Application (50 pages);
6. English Translation of Formal Drawings (Figs. 1-18) (14 pages);
7. Signed Declaration and Power of Attorney (3 pages);
8. Preliminary Amendment (11 pages);
9. Assignment Recordation Cover Sheet and Assignment (3 pages);
10. Information Disclosure Statement w/ Form HDP-1449 citing 11 references (8 enclosed) International Search Report and Written Opinion of the International Searching Authority;
11. Copy of Published International Application WO 2005/038710 A1;
12. Return Receipt Postcard.

HARNES, DICKEY & PIERCE, P.L.C.
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